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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Yue, et al.
Serial No. 09/244,270
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Examiner: D. Chung
Art Group: 2672
Our file no. 00100.01.7019
Docket No. M-7019-US

Title: OPTIMAL INITIAL RASTERIZATION STARTING POINT

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3/27/02
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Loren H. McRoss

PRELIMINARY AMENDMENT

Dear Sir:

This Preliminary Amendment is being submitted in reply to the final Office Action dated November 27, 2001, the teleconference with the Examiner on January 14, 2002 and the Advisory Action dated February 12, 2002, relating to the above-identified application. Reexamination and reconsideration of said application are respectfully requested.

IN THE CLAIMS

Please amend the claims as provided below by canceling Claims 3-13, substituting the below claims for claims having the same number and add new Claims 18-27 as follows. Pursuant to 37 C.F.R. § 1.121, a marked-up version of the following claims is provided at the end of this Amendment as Exhibit A.

- B1
1. (Twice Amended) A method for providing an initial rasterizing point, comprising:
receiving vertex data corresponding to the vertices of a primitive, the vertex data including x-coordinate and y-coordinate position information;
sorting the vertex data in coordinate-dependent fashion;
generating region bits representing the location of the sorted vertex data with respect to a current tile being rendered;